



434266

ONLY INCLUDES DRAFT
ANALYTICAL FROM
AUG 2000 ON SITE SAMPLING - NO RES. WELLS
LETTER REPORT

FOR
SAM WINER MOTORS PARKWAY SITE
SPRINGFIELD TOWNSHIP, SUMMIT COUNTY, OHIO
TDD: S05-0007-014
PAN: 0U1401SIXX

December 17, 2000

Prepared for:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Emergency Response Section
77 West Jackson Boulevard
Chicago, Illinois 60604

Prepared by: James Justice Date: 12-8-00
James J. Justice, START Project Manager

Reviewed and
Approved by: _____ Date: _____
Anne Busher, START Assistant Program Manager



ecology and environment, inc.

6777 ENGLE ROAD, CLEVELAND, OHIO 44130, TEL. (216) 243-3330
International Specialists in the Environment

December 17, 2000

Ms. Gail Nabasny
START Project Officer
Emergency Response Branch
United States Environmental Protection Agency (SE-5J)
77 West Jackson Boulevard
Chicago, Illinois 60604

Re: Sam Winer Motors Parkway Site
Springfield Township, Summit County, Ohio
TDD: S05-0007-014
PAN: 0U1401SIXX

Dear Ms. Nabasny:

The United States Environmental Protection Agency (U.S. EPA) tasked the Ecology and Environment, Inc., Superfund Technical Assessment and Response Team (START) to assist the U.S. EPA On-Scene Coordinator (OSC) Karla Auker in performing a site assessment at the Sam Winer Motors Parkway site located in Springfield Township, Summit County, Ohio. START was requested under Technical Direction Document (TDD) number S05-0007-014 to prepare and implement a health and safety plan, compile background information, conduct contractor oversight, conduct air monitoring, document on-site activities, and conduct cost tracking of site expenditures.

On August 14, 2000, START in coordination with Ohio EPA collected geoprobe samples from the Sam Winer site. Analytical results indicated the presence of metals, volatile and semi-volatile organic compounds in the core samples. On September 12, 2000, START collected residential well samples from the residents adjacent to the Sam Winer site. Analytical results indicated the possible presence of two non-target compounds in the wells. An inspection of the site with a magnetometer by the U.S. EPA indicated the potential presence of abandoned underground storage tanks. On November 22, 2000, five monitoring wells were installed on the Sam Winer property. To date, no remedial actions have been taken and no samples have yet been collected from the installed monitoring wells.

This letter serves as the final deliverable and closes the Sam Winer Motors Parkway site TDD: S05-0007-014. Additional assessments and site activities will be continued by a new contractor under a new TDD.

Sincerely,

James Justice
START Project Manager

Anne Busher
START Assistant Program Manager

Attachments:

- A Maps
- B Analytical Results

Attachment A

Maps



East Waterloo Road

Concrete Pad

Pump Island

Former Building

Former Location of USTs



House

Legend

Limit of
Investigation



"Hot Spot" Ohio EPA Sample

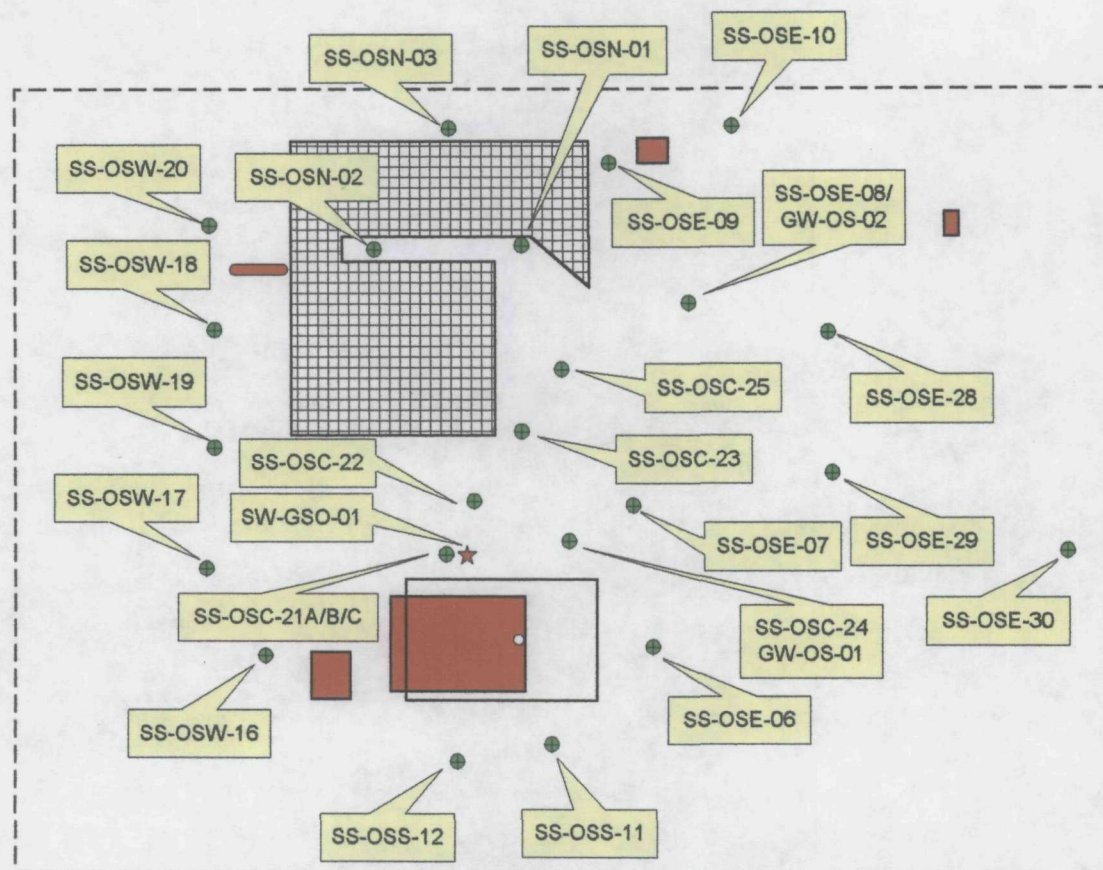


Ecology and Environment, Inc.
Superfund Technical Assessment and Response Team
6777 Engle Road, Suite N
Middleburg Heights, Ohio 44130

TITLE: Site Features Map	FIGURE: 2-2
SITE: Sam Winer	SCALE: Not to Scale
CITY: Akron STATE: Ohio	TDD: S05-0007-014
SOURCE: Ecology and Environment	DATE: August 11, 2000



East Waterloo Road



- Geoprobe Sample Locations (2000)
- ★ OEPA Sample Location (1999)
- - - Site Survey Perimeter

LEGEND

- Subsurface Anomaly
- Reinforced Concrete Pad
- Concrete Pad



Ecology and Environment, Inc.
Superfund Technical Assessment and Response Team
6777 Engle Road, Suite N
Middleburg Heights, Ohio 44130

TITLE: Sample Locations	FIGURE: 2
SITE: Sam Winer	SCALE: 1" = 30'
CITY: Akron STATE: Ohio	DD: S05-0007-014
SOURCE: Ecology and Environment	DATE: September 18, 2000

Attachment B

Analytical Results

Table 1
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSC-21A	SS-OSC-21B	SS-OSC-21C	SS-OSC-22	SS-OSC-23	SS-OSC-24A	SS-OSC-24B	GW-OS-01
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	16.5 to 26 (inches)	43 to 54 (inches)	34 to 45 (inches)	51 to 63 (inches)	48 to 64 (inches)	35 to 44 (inches)	80 to 105 (inches)	18 to 22 (feet)
Acetone		ND	ND	ND	ND	ND	ND	ND	ND
Acrolein		ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)
Acrylonitrile		ND	ND	ND	ND	ND	ND	ND	ND
Benzene		ND	ND	ND	ND	ND	ND	2.4	3.0
Bromobenzene		ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzene (normal)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

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Butylbenzene (sec)		ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzene (tert)		ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide		ND	ND	ND	0.14	ND	ND	ND	ND
Carbon Tetrachloride		ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	ND	ND	ND	ND	ND
Chlorohexane (1)		ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND
Chlorotoluene (2)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

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AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
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Chlorotoluene (4)		ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexanone		ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)
Dibromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane (1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane		ND	ND	ND	ND	ND	ND	ND	ND
Dichloro-2-butene (1,4)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobenzene (1,2)		6.8	40	0.77	ND	ND	ND	ND	ND
Dichlorobenzene (1,3)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobenzene (1,4)		0.84	4.4	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 1 Continued
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Dichloroethane (1,1)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethane (1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethane (1,1)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethane (c-1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethene (t-1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropane (1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropane (1,3)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropane (2,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropene (1,1)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 1 Continued
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Dichloropropene (c-1,3)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropene (t-1,3)		ND	ND	ND	ND	ND	ND	ND	ND
Diethyl ether		ND	ND	ND	ND	ND	ND	ND	ND
Ethyl methacrylate		ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene		30	56	1.3	0.070	15	1.4	9.9	2.1
Heptane (normal)		ND	ND	ND	ND	23	11	18	ND
Hexachlorobutadiene		ND	ND	ND	ND	ND	ND	ND	ND
Hexanone (2-)		ND	ND	ND	ND	ND	ND	ND	ND
Idomethane		ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene		ND	ND	ND	ND	2.6	ND	1.3	ND

Key is located at the end of this table.

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Isopropyltoluene (para)		ND	ND	ND	ND	2.6	ND	1.1	ND
Methyl Ethyl Keytone (MEK)		ND	ND	ND	ND	ND	ND	ND	ND
Methyl Isobutyl Ketone		ND	ND	ND	ND	ND	ND	ND	ND
Methyl methacrylate		ND	ND	ND	ND	ND	ND	ND	ND
Methylbutylether (tert) (MTBE)		ND	ND	ND	ND	ND	ND	ND	ND
Mehtylene Chloride		ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene		ND	1.9	ND	ND	5.5	0.95	2.4	ND
Propylbenzene (normal)		0.49	1.2	ND	ND	12	0.98	5.4	ND
Styrene		ND	1.9	ND	ND	ND	ND	ND	ND
Tetrachloroethane (1,1,1,2)		ND	ND	ND	ND	ND	ND	ND	ND

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AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
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	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
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Tetrachloroethane (1,1,2,2)		ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran		ND	ND	ND	ND	ND	ND	ND	ND
Toluene		4.7	38	0.18	ND	ND	ND	1.2	1.0
TPH (DRO/GRO)		ND	590	ND	ND	800	340	460	ND
Trichlorobenzene (1,2,3)		ND	ND	ND	ND	ND	ND	ND	ND
Trichlorobenzene (1,2,4)		0.45	2.3	ND	ND	ND	ND	ND	ND
Trichloroethane (1,1,1)		ND	ND	ND	ND	ND	ND	ND	ND
Trichlorethane (1,2,2)		ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

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Trichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND
Trichloropropane (1,2,3)		ND	ND	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane		ND	ND	ND	ND	ND	ND	ND	ND
Trimethylbenzene (1,2,4)		2.3	4.7	ND	ND	39	3.9	24	2.1
Trimethylbenzene (1,3,5)		1.6	5.1	ND	ND	40	3.9	27	ND
Vinyl acetate		ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride		ND	ND	ND	ND	ND	ND	ND	ND
Xylene (ortho)		4.8	22	0.24	ND	ND	0.46	0.74	ND
Xylenes (meta + para)		23	90	3.7	ND	39	2.0	38	4.5

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AKRON, SUMMIT COUNTY, OHIO

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Analyte	Sample ID	SS-OSC-25A	SS-OSN-01	SS-OSN-02	SS-OSN-03	SS-OSE-06	SS-OSE-07	SS-OSE-08A	GW-OS-02
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	24 to 34 (inches)	24.5 to 27.5 & 47 to 51 (inches)	7 to 18 (inches)	40 to 49 (inches)	32 to 45 (inches)	30 to 39 (inches)	42 to 50 (inches)	16 to 20 (feet)
Acetone		ND	ND	ND	ND	ND	ND	ND	ND
Acrolein		ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)
Acrylonitrile		ND	ND	ND	ND	ND	ND	ND	ND
Benzene		1.5	ND	ND	ND	ND	0.84	0.85	86
Bromobenzene		ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzene (normal)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 1 Continued
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AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
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	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
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Butylbenzene (sec)		ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzene (tert)		ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide		ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride		ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	ND	ND	ND	ND	ND
Chlorohexane (1)		ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND
Chlorotoluene (2)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

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Chlorotoluene (4)		ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexanone		ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)
Dibromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane (1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane		ND	ND	ND	ND	ND	ND	ND	ND
Dichloro-2-butene (1,4)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobenzene (1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobenzene (1,3)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobenzene (1,4)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

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Dichloroethane (1,1)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethane (1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethane (1,1)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethane (c-1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethene (t-1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropane (1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropane (1,3)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropane (2,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropene (1,1)		ND	ND	ND	ND	ND	ND	ND	ND

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Dichloropropene (c-1,3)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropene (t-1,3)		ND	ND	ND	ND	ND	ND	ND	ND
Diethyl ether		ND	ND	ND	ND	ND	ND	ND	ND
Ethyl methacrylate		ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene		7.8	ND	2.4	ND	ND	4.0	13	69
Heptane (normal)		15	ND	ND	ND	ND	25	8.6	ND
Hexachlorobutadiene		ND	ND	ND	ND	ND	ND	ND	ND
Hexanone (2-)		ND	ND	ND	ND	ND	ND	ND	ND
Idomethane		ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene		ND	ND	ND	ND	ND	ND	2.7	10

Key is located at the end of this table.

Table 1 Continued
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Isopropyltoluene (para)		2.2	ND	ND	ND	ND	ND	3.3	4.9
Methyl Ethyl Keytone (MEK)		ND	ND	ND	ND	ND	ND	ND	ND
Methyl Isobutyl Ketone		ND	ND	ND	ND	ND	ND	ND	ND
Methyl methacrylate		ND	ND	ND	ND	ND	ND	ND	ND
Methylbutylether (tert) (MTBE)		ND	ND	ND	ND	ND	ND	ND	ND
Mehtylene Chloride		ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene		12	2.5	8.6	ND	ND	3.1	6.5	11
Propylbenzene (normal)		4.0	ND	1.8	ND	ND	1.3	12	24
Styrene		ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethane (1,1,1,2)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSC-25A	SS-OSN-01	SS-OSN-02	SS-OSN-03	SS-OSE-06	SS-OSE-07	SS-OSE-08A	GW-OS-02
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	24 to 34 (inches)	24.5 to 27.5 & 47 to 51 (inches)	7 to 18 (inches)	40 to 49 (inches)	32 to 45 (inches)	30 to 39 (inches)	42 to 50 (inches)	16 to 20 (feet)
Tetrachloroethane (1,1,2,2)		ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran		ND	ND	ND	ND	ND	ND	ND	ND
Toluene		7.2	ND	1.8	ND	ND	3.1	ND	14
TPH (DRO/GRO)		850	1,830	3,000	ND	ND	590	810	ND
Trichlorobenzene (1,2,3)		ND	ND	ND	ND	ND	ND	ND	ND
Trichlorobenzene (1,2,4)		ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethane (1,1,1)		ND	ND	ND	ND	ND	ND	ND	ND
Trichlorethane (1,2,2)		ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = $\mu\text{g/L}$)

Analyte	Sample ID	SS-OSC-25A	SS-OSN-01	SS-OSN-02	SS-OSN-03	SS-OSE-06	SS-OSE-07	SS-OSE-08A	GW-OS-02
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	24 to 34 (inches)	24.5 to 27.5 & 47 to 51 (inches)	7 to 18 (inches)	40 to 49 (inches)	32 to 45 (inches)	30 to 39 (inches)	42 to 50 (inches)	16 to 20 (feet)
Trichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND
Trichloropropane (1,2,3)		ND	ND	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane		ND	ND	ND	ND	ND	ND	ND	ND
Trimethylbenzene (1,2,4)		28	3.0	4.9	ND	ND	9.0	66	79
Trimethylbenzene (1,3,5)		27	ND	5.3	ND	ND	7.7	75	83
Vinyl acetate		ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride		ND	ND	ND	ND	ND	ND	ND	ND
Xylene (ortho)		11	ND	ND	ND	ND	3.3	ND	72
Xylenes (meta + para)		47	ND	4.1	ND	ND	13	68	270

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Acetone		ND	ND	ND	ND	ND	ND	ND	ND
Acrolein		ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)
Acrylonitrile		ND	ND	ND	ND	ND	ND	ND	ND
Benzene		0.90	ND	ND	ND	ND	ND	ND	ND
Bromobenzene		ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzene (normal)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = μ g/L)

Analyte	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Butylbenzene (sec)		ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzene (tert)		ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide		ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride		ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	ND	ND	ND	ND	ND
Chlorohexane (1)		ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND
Chlorotoluene (2)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Chlorotoluene (4)		ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexanone		ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)
Dibromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane (1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane		ND	ND	ND	ND	ND	ND	ND	ND
Dichloro-2-butene (1,4)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobenzene (1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobenzene (1,3)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobenzene (1,4)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Dichloroethane (1,1)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethane (1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethane (1,1)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethane (c-1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloroethene (t-1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropane (1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropane (1,3)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropane (2,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropene (1,1)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = $\mu\text{g/L}$)

Analyte	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Dichloropropene (c-1,3)		ND	ND	ND	ND	ND	ND	ND	ND
Dichloropropene (t-1,3)		ND	ND	ND	ND	ND	ND	ND	ND
Diethyl ether		ND	ND	ND	ND	ND	ND	ND	ND
Ethyl methacrylate		ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene		9.6	ND	ND	ND	ND	ND	ND	ND
Heptane (normal)		15	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene		ND	ND	ND	ND	ND	ND	ND	ND
Hexanone (2-)		ND	ND	ND	ND	ND	ND	ND	ND
Idomethane		ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene		1.8	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Isopropyltoluene (para)	2.0	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Keytone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Isobutyl Ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl methacrylate	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylbutylether (tert) (MTBE)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mehtylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	4.0	ND	ND	ND	ND	ND	ND	ND	ND
Propylbenzene (normal)	7.5	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethane (1,1,1,2)	ND	ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Tetrachloroethane (1,1,2,2)		ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran		ND	ND	ND	ND	ND	ND	ND	ND
Toluene		0.79	ND	ND	ND	ND	ND	ND	ND
TPH (DRO/GRO)		740	ND	ND	ND	ND	ND	ND	ND
Trichlorobenzene (1,2,3)		ND	ND	ND	ND	ND	ND	ND	ND
Trichlorobenzene (1,2,4)		ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethane (1,1,1)		ND	ND	ND	ND	ND	ND	ND	ND
Trichlorethane (1,2,2)		ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = $\mu\text{g/L}$)

Analyte	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Trichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND
Trichloropropane (1,2,3)		ND	ND	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane		ND	ND	ND	ND	ND	ND	ND	ND
Trimethylbenzene (1,2,4)		39	ND	ND	ND	ND	ND	ND	ND
Trimethylbenzene (1,3,5)		39	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate		ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride		ND	ND	ND	ND	ND	ND	ND	ND
Xylene (ortho)		7.1	ND	ND	ND	ND	ND	ND	ND
Xylenes (meta + para)		49	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Acetone		ND	ND	ND	ND	ND	ND		
Acrolein		ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)		
Acrylonitrile		ND	ND	ND	ND	ND	ND		
Benzene		ND	ND	ND	ND	ND	ND		
Bromobenzene		ND	ND	ND	ND	ND	ND		
Bromochloromethane		ND	ND	ND	ND	ND	ND		
Bromodichloromethane		ND	ND	ND	ND	ND	ND		
Bromoform		ND	ND	ND	ND	ND	ND		
Bromomethane		ND	ND	ND	ND	ND	ND		
Butylbenzene (normal)		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = $\mu\text{g/L}$)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Butylbenzene (sec)		ND	ND	ND	ND	ND	ND		
Butylbenzene (tert)		ND	ND	ND	ND	ND	ND		
Carbon Disulfide		ND	ND	ND	ND	ND	ND		
Carbon Tetrachloride		ND	ND	ND	ND	ND	ND		
Chlorobenzene		ND	ND	ND	ND	ND	ND		
Chloroethane		ND	ND	ND	ND	ND	ND		
Chloroform		ND	ND	ND	ND	ND	ND		
Chlorohexane (1)		ND	ND	ND	ND	ND	ND		
Chloromethane		ND	ND	ND	ND	ND	ND		
Chlorotoluene (2)		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Chlorotoluene (4)		ND	ND	ND	ND	ND	ND		
Cyclohexanone		ND (R)	ND (R)	ND (R)	ND (R)	ND (R)	ND (R)		
Dibromochloromethane		ND	ND	ND	ND	ND	ND		
Dibromomethane (1,2)		ND	ND	ND	ND	ND	ND		
Dibromomethane		ND	ND	ND	ND	ND	ND		
Dichloro-2-butene (1,4)		ND	ND	ND	ND	ND	ND		
Dichlorobenzene (1,2)		ND	ND	ND	ND	ND	ND		
Dichlorobenzene (1,3)		ND	ND	ND	ND	ND	ND		
Dichlorobenzene (1,4)		ND	ND	ND	ND	ND	ND		
Dichlorodifluoromethane		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = μ g/L)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Dichloroethane (1,1)		ND	ND	ND	ND	ND	ND		
Dichloroethane (1,2)		ND	ND	ND	ND	ND	ND		
Dichloroethane (1,1)		ND	ND	ND	ND	ND	ND		
Dichloroethane (c-1,2)		ND	ND	ND	ND	ND	ND		
Dichloroethene (t-1,2)		ND	ND	ND	ND	ND	ND		
Dichlorofluoromethane		ND	ND	ND	ND	ND	ND		
Dichloropropane (1,2)		ND	ND	ND	ND	ND	ND		
Dichloropropane (1,3)		ND	ND	ND	ND	ND	ND		
Dichloropropane (2,2)		ND	ND	ND	ND	ND	ND		
Dichloropropene (1,1)		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Dichloropropene (c-1,3)		ND	ND	ND	ND	ND	ND		
Dichloropropene (t-1,3)		ND	ND	ND	ND	ND	ND		
Diethyl ether		ND	ND	ND	ND	ND	ND		
Ethyl methacrylate		ND	ND	ND	ND	ND	ND		
Ethylbenzene		ND	ND	ND	ND	ND	ND		
Heptane (normal)		ND	ND	ND	ND	ND	ND		
Hexachlorobutadiene		ND	ND	ND	ND	ND	ND		
Hexanone (2-)		ND	ND	ND	ND	ND	ND		
Idomethane		ND	ND	ND	ND	ND	ND		
Isopropylbenzene		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Isopropyltoluene (para)		ND	ND	ND	ND	ND	ND		
Methyl Ethyl Keytone (MEK)		ND	ND	ND	ND	ND	ND		
Methyl Isobutyl Ketone		ND	ND	ND	ND	ND	ND		
Methyl methacrylate		ND	ND	ND	ND	ND	ND		
Methylbutylether (tert) (MTBE)		ND	ND	ND	ND	ND	ND		
Mehtylene Chloride		ND	ND	ND	ND	ND	ND		
Naphthalene		ND	ND	ND	ND	ND	ND		
Propylbenzene (normal)		ND	ND	ND	ND	ND	ND		
Styrene		ND	ND	ND	ND	ND	ND		
Tetrachloroethane (1,1,1,2)		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Tetrachloroethane (1,1,2,2)		ND	ND	ND	ND	ND	ND		
Tetrachloroethane		ND	ND	ND	ND	ND	ND		
Tetrahydrofuran		ND	ND	ND	ND	ND	ND		
Toluene		ND	ND	ND	ND	ND	ND		
TPH (DRO/GRO)		ND	ND	ND	ND	ND	ND		
Trichlorobenzene (1,2,3)		ND	ND	ND	ND	ND	ND		
Trichlorobenzene (1,2,4)		ND	ND	ND	ND	ND	ND		
Trichloroethane (1,1,1)		ND	ND	ND	ND	ND	ND		
Trichlorethane (1,2,2)		ND	ND	ND	ND	ND	ND		
Trichloroethene		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Table 1 Continued
VOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Trichlorofluoromethane		ND	ND	ND	ND	ND	ND		
Trichloropropane (1,2,3)		ND	ND	ND	ND	ND	ND		
Trichlorotrifluoroethane		ND	ND	ND	ND	ND	ND		
Trimethylbenzene (1,2,4)		ND	ND	ND	ND	ND	ND		
Trimethylbenzene (1,3,5)		ND	ND	ND	ND	ND	ND		
Vinyl acetate		ND	ND	ND	ND	ND	ND		
Vinyl Chloride		ND	ND	ND	ND	ND	ND		
Xylene (ortho)		ND	ND	ND	ND	ND	ND		
Xylenes (meta + para)		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Key:

$\mu\text{g/L}$ = Micrograms per liter.

mg/Kg = Milligrams per kilogram.

(R) = The sample results are rejected (analyte may or may not be present) due to gross deficiencies in quality control criteria.

Source:

EIS Analytical Services, Inc., South Bend, IN 46635, under TDD number S05-0007-014.

Table 2
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = μ g/L)

Analyte	Sample ID	SS-OSC-21A	SS-OSC-21B	SS-OSC-21C	SS-OSC-22	SS-OSC-23	SS-OSC-24A	SS-OSC-24B	GW-OS-01
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	16.5 to 26 (inches)	43 to 54 (inches)	34 to 45 (inches)	51 to 63 (inches)	48 to 64 (inches)	35 to 44 (inches)	80 to 105 (inches)	18 to 22 (feet)
Acenaphthene		ND	ND	ND	ND	1.8	ND	ND	ND
Acenaphthylene		ND	ND	ND	ND	ND	ND	ND	ND
Aniline		ND	ND	ND	ND	ND	ND	ND	ND
Anthracene		ND	ND	ND	ND	5.0	ND	ND	ND
Benzidine		ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene		ND	ND	ND	ND	1.8	ND	ND	ND
Benzo(a)pyrene		ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene		ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene		ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSC-21A	SS-OSC-21B	SS-OSC-21C	SS-OSC-22	SS-OSC-23	SS-OSC-24A	SS-OSC-24B	GW-OS-01
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	16.5 to 26 (inches)	43 to 54 (inches)	34 to 45 (inches)	51 to 63 (inches)	48 to 64 (inches)	35 to 44 (inches)	80 to 105 (inches)	18 to 22 (feet)
Benzoic acid		ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol		ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane		ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether		ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether		ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate		2,550	3,370	8.6	ND	2.4	2.5	1.7	ND
Bromophenyl-phenylether (4)		ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate		ND	4.1	ND	ND	ND	ND	ND	ND
Chloro-3-methylphenol (4)		ND	ND	ND	ND	ND	ND	ND	ND
Chloroaniline (4)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSC-21A	SS-OSC-21B	SS-OSC-21C	SS-OSC-22	SS-OSC-23	SS-OSC-24A	SS-OSC-24B	GW-OS-01
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	16.5 to 26 (inches)	43 to 54 (inches)	34 to 45 (inches)	51 to 63 (inches)	48 to 64 (inches)	35 to 44 (inches)	80 to 105 (inches)	18 to 22 (feet)
Chloronaphthalene (2)		ND	ND	ND	ND	ND	ND	ND	ND
Chlorophenol (2)		ND	ND	ND	ND	ND	ND	ND	ND
Chlorophenyl phenyl ether (4)		ND	ND	ND	ND	ND	ND	ND	ND
Chrysene		1.12	ND	ND	ND	2.5	ND	ND	ND
Di-n-butylphthalate		3.2	19	ND	2.3	0.70	3.9	ND	ND
Di-n-octylphthalate		ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene		ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran		ND	ND	ND	ND	1.0	ND	ND	ND
Dichlorobenzene (1,2)		9.9	27	ND	ND	ND	ND	ND	ND
Dichlorobenzene (1,3)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSC-21A	SS-OSC-21B	SS-OSC-21C	SS-OSC-22	SS-OSC-23	SS-OSC-24A	SS-OSC-24B	GW-OS-01
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	16.5 to 26 (inches)	43 to 54 (inches)	34 to 45 (inches)	51 to 63 (inches)	48 to 64 (inches)	35 to 44 (inches)	80 to 105 (inches)	18 to 22 (feet)
Dichlorobenzene (1,4)		0.68	2.7	ND	ND	ND	ND	ND	ND
Dichlorobenzene (3,3')		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorophenol (2,4)		ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate		ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate		ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphenol (2,4)		ND	ND	ND	ND	ND	ND	ND	ND
Dinitrophenol (2,4)		ND	ND	ND	ND	ND	ND	ND	ND
Dinitrotoluene (2,4)		ND	ND	ND	ND	ND	ND	ND	ND
Dinitrotoluene (2,6)		ND	ND	ND	ND	ND	ND	ND	ND
Diphenylhydrazine (1,2)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = $\mu\text{g/L}$)

Analyte	Sample ID	SS-OSC-21A	SS-OSC-21B	SS-OSC-21C	SS-OSC-22	SS-OSC-23	SS-OSC-24A	SS-OSC-24B	GW-OS-01
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	16.5 to 26 (inches)	43 to 54 (inches)	34 to 45 (inches)	51 to 63 (inches)	48 to 64 (inches)	35 to 44 (inches)	80 to 105 (inches)	18 to 22 (feet)
Fluoranthene		0.81	ND	ND	ND	2.0	ND	ND	ND
Fluorene		ND	ND	ND	ND	3.2	ND	ND	ND
Hexachlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorbutadiene		ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene		ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane		ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene		ND	ND	ND	ND	ND	ND	ND	ND
Isophorone		ND	ND	ND	ND	ND	ND	ND	ND
Methyl-4,6-dinitrophenol (2)		ND	ND	ND	ND	ND	ND	ND	ND
Methylnaphthalene (2)		ND	0.81	ND	ND	18	ND	2.0	ND

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = μ g/L)

Analyte	Sample ID	SS-OSC-21A	SS-OSC-21B	SS-OSC-21C	SS-OSC-22	SS-OSC-23	SS-OSC-24A	SS-OSC-24B	GW-OS-01
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	16.5 to 26 (inches)	43 to 54 (inches)	34 to 45 (inches)	51 to 63 (inches)	48 to 64 (inches)	35 to 44 (inches)	80 to 105 (inches)	18 to 22 (feet)
Methylphenol (2)		ND	ND	ND	ND	ND	ND	ND	ND
Methylphenol (4)		ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene		ND	1.1	ND	ND	3.3	ND	ND	ND
Nitroaniline (2)		ND	ND	ND	ND	ND	ND	ND	ND
Nitroaniline (3)		ND	ND	ND	ND	ND	ND	ND	ND
Nitroaniline (4)		ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene		ND	ND	ND	ND	ND	ND	ND	ND
Nitrophenol (2)		ND	ND	ND	ND	ND	ND	ND	ND
Nitrophenol (4)		ND	ND	ND	ND	ND	ND	ND	ND
Nitroso-di-methylamine (normal)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSC-21A	SS-OSC-21B	SS-OSC-21C	SS-OSC-22	SS-OSC-23	SS-OSC-24A	SS-OSC-24B	GW-OS-01
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	16.5 to 26 (inches)	43 to 54 (inches)	34 to 45 (inches)	51 to 63 (inches)	48 to 64 (inches)	35 to 44 (inches)	80 to 105 (inches)	18 to 22 (feet)
Nitroso-di-n-propylamine(normal)		ND	ND	ND	ND	ND	ND	ND	ND
Nitroso-di-phenylamine (normal)		ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol		ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene		ND	1.2	ND	ND	65	ND	10	ND
Phenol		1.4	ND	ND	ND	ND	ND	ND	ND
Pyrene		1.3	ND	ND	ND	14	ND	2.2	ND
Pyridine		ND	ND	ND	ND	ND	ND	ND	ND
Trichlorobenzene (1,2,4)		0.78	2.3	ND	ND	ND	ND	ND	ND
Trichlorophenol (2,4,5)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.



Trichlorphenol (2,4,6)	ND	ND	ND	ND	ND	ND	ND	ND
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Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = $\mu\text{g/L}$)

Analyte	Sample ID	SS-OSC-25A	SS-OSN-01	SS-OSN-02	SS-OSN-03	SS-OSE-06	SS-OSE-07	SS-OSE-08A	GW-OS-02
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	24 to 34 (inches)	24.5 to 27.5 & 47 to 51 (inches)	7 to 18 (inches)	40 to 49 (inches)	32 to 45 (inches)	30 to 39 (inches)	42 to 50 (inches)	16 to 20 (feet)
Acenaphthene		4.4	ND	ND	ND	ND	0.64	1.1	NA
Acenaphthylene		ND	ND	ND	ND	ND	ND	ND	NA
Aniline		ND	ND	ND	ND	ND	ND	ND	NA
Anthracene		13	ND	ND	ND	ND	2.3	3.0	NA
Benzidine		ND	ND	ND	ND	ND	ND	ND	NA
Benzo(a)anthracene		4.6	ND	ND	ND	ND	1.0	1.3	NA
Benzo(a)pyrene		ND	ND	ND	ND	ND	ND	ND	NA
Benzo(b)fluoranthene		ND	ND	ND	ND	ND	ND	ND	NA
Benzo(g,h,i)perylene		ND	ND	ND	ND	ND	ND	ND	NA
Benzo(k)fluoranthene		ND	ND	ND	ND	ND	ND	ND	NA

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSC-25A	SS-OSN-01	SS-OSN-02	SS-OSN-03	SS-OSE-06	SS-OSE-07	SS-OSE-08A	GW-OS-02
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	24 to 34 (inches)	24.5 to 27.5 & 47 to 51 (inches)	7 to 18 (inches)	40 to 49 (inches)	32 to 45 (inches)	30 to 39 (inches)	42 to 50 (inches)	16 to 20 (feet)
Benzoic acid		ND	ND	ND	ND	ND	ND	ND	NA
Benzyl alcohol		ND	ND	ND	ND	ND	ND	ND	NA
Bis(2-chloroethoxy)methane		ND	ND	ND	ND	ND	ND	ND	NA
Bis(2-chloroethyl)ether		ND	ND	ND	ND	ND	ND	ND	NA
Bis(2-chloroisopropyl)ether		ND	ND	ND	ND	ND	ND	ND	NA
Bis(2-ethylhexyl)phthalate		20	ND	0.94	ND	ND	9.0	1.1	NA
Bromophenyl-phenylether (4)		ND	ND	ND	ND	ND	ND	ND	NA
Butyl benzyl phthalate		ND	ND	ND	ND	ND	ND	ND	NA
Chloro-3-methylphenol (4)		ND	ND	ND	ND	ND	ND	ND	NA
Chloroaniline (4)		ND	ND	ND	ND	ND	ND	ND	NA

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSC-25A	SS-OSN-01	SS-OSN-02	SS-OSN-03	SS-OSE-06	SS-OSE-07	SS-OSE-08A	GW-OS-02
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	24 to 34 (inches)	24.5 to 27.5 & 47 to 51 (inches)	7 to 18 (inches)	40 to 49 (inches)	32 to 45 (inches)	30 to 39 (inches)	42 to 50 (inches)	16 to 20 (feet)
Chloronaphthalene (2)		ND	ND	ND	ND	ND	ND	ND	NA
Chlorophenol (2)		ND	ND	ND	ND	ND	ND	ND	NA
Chlorophenyl phenyl ether (4)		ND	ND	ND	ND	ND	ND	ND	NA
Chrysene		6.6	ND	0.64	ND	ND	1.6	1.9	NA
Di-n-butylphthalate		ND	0.73	0.61	ND	ND	0.63	ND	NA
Di-n-octylphthalate		ND	ND	ND	ND	ND	ND	ND	NA
Dibenzo(a,h)anthracene		ND	ND	ND	ND	ND	ND	ND	NA
Dibenzofuran		3.2	ND	ND	ND	ND	ND	0.61	NA
Dichlorobenzene (1,2)		ND	ND	ND	ND	ND	ND	ND	NA
Dichlorobenzene (1,3)		ND	ND	ND	ND	ND	ND	ND	NA

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSC-25A	SS-OSN-01	SS-OSN-02	SS-OSN-03	SS-OSE-06	SS-OSE-07	SS-OSE-08A	GW-OS-02
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	24 to 34 (inches)	24.5 to 27.5 & 47 to 51 (inches)	7 to 18 (inches)	40 to 49 (inches)	32 to 45 (inches)	30 to 39 (inches)	42 to 50 (inches)	16 to 20 (feet)
Dichlorobenzene (1,4)		ND	ND	ND	ND	ND	ND	ND	NA
Dichlorobenzene (3,3')		ND	ND	ND	ND	ND	ND	ND	NA
Dichlorophenol (2,4)		ND	ND	ND	ND	ND	ND	ND	NA
Diethyl phthalate		ND	ND	ND	ND	ND	ND	ND	NA
Dimethyl phthalate		ND	ND	ND	ND	ND	ND	ND	NA
Dimethylphenol (2,4)		ND	ND	ND	ND	ND	ND	ND	NA
Dinitrophenol (2,4)		ND	ND	ND	ND	ND	ND	ND	NA
Dinitrotoluene (2,4)		ND	ND	ND	ND	ND	ND	ND	NA
Dinitrotoluene (2,6)		ND	ND	ND	ND	ND	ND	ND	NA
Diphenylhydrazine (1,2)		ND	ND	ND	ND	ND	ND	ND	NA

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = $\mu\text{g/L}$)

Analyte	Sample ID	SS-OSC-25A	SS-OSN-01	SS-OSN-02	SS-OSN-03	SS-OSE-06	SS-OSE-07	SS-OSE-08A	GW-OS-02
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	24 to 34 (inches)	24.5 to 27.5 & 47 to 51 (inches)	7 to 18 (inches)	40 to 49 (inches)	32 to 45 (inches)	30 to 39 (inches)	42 to 50 (inches)	16 to 20 (feet)
Fluoranthene		6.3	ND	ND	ND	ND	1.0	1.5	NA
Fluorene		8.6	ND	ND	ND	ND	1.7	2.1	NA
Hexachlorobenzene		ND	ND	ND	ND	ND	ND	ND	NA
Hexachlorbutadiene		ND	ND	ND	ND	ND	ND	ND	NA
Hexachlorocyclopentadiene		ND	ND	ND	ND	ND	ND	ND	NA
Hexachloroethane		ND	ND	ND	ND	ND	ND	ND	NA
Indeno(1,2,3-cd)pyrene		ND	ND	ND	ND	ND	ND	ND	NA
Isophorone		ND	ND	ND	ND	ND	ND	ND	NA
Methyl-4,6-dinitrophenol (2)		ND	ND	ND	ND	ND	ND	ND	NA
Methylnaphthalene (2)		44	4.0	7.5	ND	ND	5.2	15	NA

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSC-25A	SS-OSN-01	SS-OSN-02	SS-OSN-03	SS-OSE-06	SS-OSE-07	SS-OSE-08A	GW-OS-02
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	24 to 34 (inches)	24.5 to 27.5 & 47 to 51 (inches)	7 to 18 (inches)	40 to 49 (inches)	32 to 45 (inches)	30 to 39 (inches)	42 to 50 (inches)	16 to 20 (feet)
Methylphenol (2)		ND	ND	ND	ND	ND	ND	ND	NA
Methylphenol (4)		ND	ND	ND	ND	ND	ND	ND	NA
Naphthalene		10	1.0	6.1	ND	ND	1.1	5.3	NA
Nitroaniline (2)		ND	ND	ND	ND	ND	ND	ND	NA
Nitroaniline (3)		ND	ND	ND	ND	ND	ND	ND	NA
Nitroaniline (4)		ND	ND	ND	ND	ND	ND	ND	NA
Nitrobenzene		ND	ND	ND	ND	ND	ND	ND	NA
Nitrophenol (2)		ND	ND	ND	ND	ND	ND	ND	NA
Nitrophenol (4)		ND	ND	ND	ND	ND	ND	ND	NA
Nitroso-di-methylamine (normal)		ND	ND	ND	ND	ND	ND	ND	NA

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSC-25A	SS-OSN-01	SS-OSN-02	SS-OSN-03	SS-OSE-06	SS-OSE-07	SS-OSE-08A	GW-OS-02
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Ground water
	Sample Depth	24 to 34 (inches)	24.5 to 27.5 & 47 to 51 (inches)	7 to 18 (inches)	40 to 49 (inches)	32 to 45 (inches)	30 to 39 (inches)	42 to 50 (inches)	16 to 20 (feet)
Nitroso-di-n-propylamine(normal)		ND	ND	ND	ND	ND	ND	ND	NA
Nitroso-di-phenylamine (normal)		ND	ND	ND	ND	ND	ND	ND	NA
Pentachlorophenol		ND	ND	ND	ND	ND	ND	ND	NA
Phenanthrene		165	ND	2.7	ND	ND	30	32	NA
Phenol		ND	ND	ND	ND	ND	ND	ND	NA
Pyrene		26	ND	1.1	ND	ND	6.9	7.4	NA
Pyridine		ND	ND	ND	ND	ND	ND	ND	NA
Trichlorobenzene (1,2,4)		ND	ND	ND	ND	ND	ND	ND	NA
Trichlorophenol (2,4,5)		ND	ND	ND	ND	ND	ND	ND	NA
Trichlorophenol (2,4,6)		ND	ND	ND	ND	ND	ND	ND	NA

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Acenaphthene		ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene		ND	ND	ND	ND	ND	ND	ND	ND
Aniline		ND	ND	ND	ND	ND	ND	ND	ND
Anthracene		ND	ND	ND	ND	ND	ND	ND	ND
Benzidine		ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene		ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene		ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene		ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene		ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Benzoic acid		ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol		ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane		ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether		ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether		ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate		ND	ND	ND	ND	ND	ND	ND	1.8
Bromophenyl-phenylether (4)		ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate		ND	ND	ND	ND	ND	ND	ND	ND
Chloro-3-methylphenol (4)		ND	ND	ND	ND	ND	ND	ND	ND
Chloroaniline (4)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Chloronaphthalene (2)		ND	ND	ND	ND	ND	ND	ND	ND
Chlorophenol (2)		ND	ND	ND	ND	ND	ND	ND	ND
Chlorophenyl phenyl ether (4)		ND	ND	ND	ND	ND	ND	ND	ND
Chrysene		ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate		ND	ND	ND	ND	ND	ND	ND	1.3
Di-n-octylphthalate		ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene		ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobenzene (1,2)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobenzene (1,3)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Dichlorobenzene (1,4)		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobenzene (3,3')		ND	ND	ND	ND	ND	ND	ND	ND
Dichlorophenol (2,4)		ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate		ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate		ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphenol (2,4)		ND	ND	ND	ND	ND	ND	ND	ND
Dinitrophenol (2,4)		ND	ND	ND	ND	ND	ND	ND	ND
Dinitrotoluene (2,4)		ND	ND	ND	ND	ND	ND	ND	ND
Dinitrotoluene (2,6)		ND	ND	ND	ND	ND	ND	ND	ND
Diphenylhydrazine (1,2)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Fluoranthene		ND	ND	ND	ND	ND	ND	ND	ND
Fluorene		ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorbutadiene		ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene		ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane		ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene		ND	ND	ND	ND	ND	ND	ND	ND
Isophorone		ND	ND	ND	ND	ND	ND	ND	ND
Methyl-4,6-dinitrophenol (2)		ND	ND	ND	ND	ND	ND	ND	ND
Methylnaphthalene (2)		2.6	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Methylphenol (2)		ND	ND	ND	ND	ND	ND	ND	ND
Methylphenol (4)		ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene		0.76	ND	ND	ND	ND	ND	ND	ND
Nitroaniline (2)		ND	ND	ND	ND	ND	ND	ND	ND
Nitroaniline (3)		ND	ND	ND	ND	ND	ND	ND	ND
Nitroaniline (4)		ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene		ND	ND	ND	ND	ND	ND	ND	ND
Nitrophenol (2)		ND	ND	ND	ND	ND	ND	ND	ND
Nitrophenol (4)		ND	ND	ND	ND	ND	ND	ND	ND
Nitroso-di-methylamine (normal)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSE-08B	SS-OSE-09	SS-OSE-10	SS-DD-26 Duplicate of OSE-10	SS-OSE-28	SS-OSE-29	SS-OSE-30	SS-OSS-11
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Depth	90 to 120 (inches)	35 to 48 (inches)	22 to 45.5 (inches)	22 to 45.5 (inches)	35 to 42 (inches)	37 to 50 (inches)	40 to 47 (inches)	16 to 24 (feet)
Nitroso-di-n-propylamine(normal)		ND	ND	ND	ND	ND	ND	ND	ND
Nitroso-di-phenylamine (normal)		ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol		ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene		4.5	ND	ND	ND	ND	ND	ND	ND
Phenol		ND	ND	ND	ND	ND	ND	ND	ND
Pyrene		0.98	ND	ND	ND	ND	ND	ND	ND
Pyridine		ND	ND	ND	ND	ND	ND	ND	ND
Trichlorobenzene (1,2,4)		ND	ND	ND	ND	ND	ND	ND	ND
Trichlorophenol (2,4,5)		ND	ND	ND	ND	ND	ND	ND	ND
Trichlorophenol (2,4,6)		ND	ND	ND	ND	ND	ND	ND	ND

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = μ g/L)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Acenaphthene		ND	ND	ND	ND	ND	ND		
Acenaphthylene		ND	ND	ND	ND	ND	ND		
Aniline		ND	ND	ND	ND	ND	ND		
Anthracene		ND	ND	ND	ND	ND	ND		
Benzidine		ND	ND	ND	ND	ND	ND		
Benzo(a)anthracene		ND	ND	ND	ND	ND	ND		
Benzo(a)pyrene		ND	ND	ND	ND	ND	ND		
Benzo(b)fluoranthene		ND	ND	ND	ND	ND	ND		
Benzo(g,h,i)perylene		ND	ND	ND	ND	ND	ND		
Benzo(k)fluoranthene		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = $\mu\text{g/L}$)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Benzoic acid		ND	ND	ND	ND	ND	ND		
Benzyl alcohol		ND	ND	ND	ND	ND	ND		
Bis(2-chloroethoxy)methane		ND	ND	ND	ND	ND	ND		
Bis(2-chloroethyl)ether		ND	ND	ND	ND	ND	ND		
Bis(2-chloroisopropyl)ether		ND	ND	ND	ND	ND	ND		
Bis(2-ethylhexyl)phthalate		ND	ND	ND	ND	ND	ND		
Bromophenyl-phenylether (4)		ND	ND	ND	ND	ND	ND		
Butyl benzyl phthalate		ND	ND	ND	ND	ND	ND		
Chloro-3-methylphenol (4)		ND	ND	ND	ND	ND	ND		
Chloroaniline (4)		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Chloronaphthalene (2)		ND	ND	ND	ND	ND	ND		
Chlorophenol (2)		ND	ND	ND	ND	ND	ND		
Chlorophenyl phenyl ether (4)		ND	ND	ND	ND	ND	ND		
Chrysene		ND	ND	ND	0.65	ND	ND		
Di-n-butylphthalate		3.9	0.95	ND	ND	ND	ND		
Di-n-octylphthalate		ND	ND	ND	ND	ND	ND		
Dibenzo(a,h)anthracene		ND	ND	ND	ND	ND	ND		
Dibenzofuran		ND	ND	ND	ND	ND	ND		
Dichlorobenzene (1,2)		ND	ND	ND	ND	ND	ND		
Dichlorobenzene (1,3)		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Dichlorobenzene (1,4)		ND	ND	ND	ND	ND	ND		
Dichlorobenzene (3,3')		ND	ND	ND	ND	ND	ND		
Dichlorophenol (2,4)		ND	ND	ND	ND	ND	ND		
Diethyl phthalate		ND	ND	ND	ND	ND	ND		
Dimethyl phthalate		ND	ND	ND	ND	ND	ND		
Dimethylphenol (2,4)		ND	ND	ND	ND	ND	ND		
Dinitrophenol (2,4)		ND	ND	ND	ND	ND	ND		
Dinitrotoluene (2,4)		ND	ND	ND	ND	ND	ND		
Dinitrotoluene (2,6)		ND	ND	ND	ND	ND	ND		
Diphenylhydrazine (1,2)		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Fluoranthene		ND	ND	ND	0.77	ND	ND		
Fluorene		ND	ND	ND	ND	ND	ND		
Hexachlorobenzene		ND	ND	ND	ND	ND	ND		
Hexachlorbutadiene		ND	ND	ND	ND	ND	ND		
Hexachlorocyclopentadiene		ND	ND	ND	ND	ND	ND		
Hexachloroethane		ND	ND	ND	ND	ND	ND		
Indeno(1,2,3-cd)pyrene		ND	ND	ND	ND	ND	ND		
Isophorone		ND	ND	ND	ND	ND	ND		
Methyl-4,6-dinitrophenol (2)		ND	ND	ND	ND	ND	ND		
Methylnaphthalene		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = µg/L)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Methylphenol (2)		ND	ND	ND	ND	ND	ND		
Methylphenol (4)		ND	ND	ND	ND	ND	ND		
Naphthalene		ND	ND	ND	ND	ND	ND		
Nitroaniline (2)		ND	ND	ND	ND	ND	ND		
Nitroaniline (3)		ND	ND	ND	ND	ND	ND		
Nitroaniline (4)		ND	ND	ND	ND	ND	ND		
Nitrobenzene		ND	ND	ND	ND	ND	ND		
Nitrophenol (2)		ND	ND	ND	ND	ND	ND		
Nitrophenol (4)		ND	ND	ND	ND	ND	ND		
Nitroso-di-methylamine (normal)		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Table 2 Continued
SVOC ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = μ g/L)

Analyte	Sample ID	SS-OSS-12	SS-OSW-16	SS-OSW-17	SS-OSW-18	SS-OSW-19	SS-OSW-20		
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
	Sample Depth	29 to 45 (inches)	35 to 39 (inches)	47 to 52 & 70 to 74 (inches)	35 to 44 (inches)	48.5 to 57 (inches)	25 to 33 (inches)		
Nitroso-di-n-propylamine(normal)		ND	ND	ND	ND	ND	ND		
Nitroso-di-phenylamine (normal)		ND	ND	ND	ND	ND	ND		
Pentachlorophenol		ND	ND	ND	ND	ND	ND		
Phenanthrene		ND	ND	ND	ND	ND	ND		
Phenol		ND	ND	ND	ND	ND	ND		
Pyrene		ND	ND	ND	0.83	ND	ND		
Pyridine		ND	ND	ND	ND	ND	ND		
Trichlorobenzene (1,2,4)		ND	ND	ND	ND	ND	ND		
Trichlorophenol (2,4,5)		ND	ND	ND	ND	ND	ND		

Key is located at the end of this table.

Trichlorophenol (2,4,6)	ND	ND	ND	ND	ND	ND		
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Key:

$\mu\text{g/L}$ = Micrograms per liter.

mg/Kg = Milligrams per kilogram.

NA = Not analyzed.

Source:

EIS Analytical Services, Inc., South Bend, IN 46635, under TDD number S05-0007-014.

Table 3
METALS ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = mg/L)

Analyte	Sample ID	SS-OSC-21C	SS-OSC-22	SS-OSC-23	SS-OSC-24B	GW-OS-01
	Sample Matrix	Soil	Soil	Soil	Soil	Groundwater
	Sample Depth	34 to 45 (inches)	51 to 63 (inches)	48 to 64 (inches)	80 to 105 (inches)	18 to 22 (feet)
Antimony, Total		<6.4	<6.2	<6.0	<6.1	<0.05
Arsenic, Total		<6.4	<6.2	<6.0	<6.1	<0.05
Beryllium, Total		<1.3	<1.2	<1.2	<1.2	<0.01
Cadmium, Total		<1.3	<1.2	<1.2	<1.2	<0.01
Chromium, Total		16.0	11.0	8.7	7.1	<0.01
Copper, Total		14.0	13.5	20.0	13.7	0.02
Lead, Total		25.4	20.1	14.2	12.2	<0.05
Mercury, Total		<0.26	<0.25	<0.24	<0.24	<0.0002
Nickel, Total		16.5	15.1	19.5	14.6	0.02

Key is located at the end of this table.

Table 3
METALS ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = mg/L)

Analyte	Sample ID	SS-OSC-21C	SS-OSC-22	SS-OSS-23	SS-OSC-24B	GW-OS-01
	Sample Matrix	Soil	Soil	Soil	Soil	Groundwater
	Sample Depth	34 to 45 (inches)	51 to 63 (inches)	48 to 64 (inches)	80 to 105 (inches)	18 to 22 (feet)
Selenium, Total		<6.4	<6.2	<6.0	<6.1	<0.05
Silver, Total		<1.3	<1.2	1.1	<1.2	<0.01
Thallium, Total		<12.8	<12.3	<11.9	<12.2	<0.1
Zinc, Total		67	55	58	60	0.09

Key is located at the end of this table.

Key:

mg/L = Milligrams per liter.

mg/Kg = Milligrams per kilogram.

< = Less than.

Source:

EIS Analytical Services, Inc., South Bend, IN, under TDD number S05-0007-014.

Table 4
POLYCHLORINATED BIPHENYLS ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = $\mu\text{g/L}$)

Analyte	Sample ID	SS-OSC-21C	SS-OSC-23	SS-OSC-24B	GW-OS-01
	Sample Matrix	Soil	Soil	Soil	Groundwater
	Sample Depth	34 to 45 (inches)	48 to 64 (inches)	80 to 105 (inches)	18 to 22 (feet)
PCB (AR1016)		ND	ND	ND	ND
PCB (AR1221)		ND	ND	ND	ND
PCB (AR1232)		ND	ND	ND	ND
PCB (AR1242)		ND	ND	ND	ND
PCB (AR1248)		ND	ND	ND	ND
PCB (AR1254)		ND	ND	ND	ND
PCB (AR1260)		ND	ND	ND	ND

Key is located at the end of this table.

Key:

$\mu\text{g/L}$ = Micrograms per liter.

mg/Kg = Milligrams per kilogram.

< = Less than.

Source:

EIS Analytical Services, Inc., South Bend, IN, under TDD number S05-0007-014.

Table 5
PESTICIDES ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = μ g/L)

Analyte	Sample ID	SS-OSC-23	GW-OS-01
	Sample Matrix	Soil	Groundwater
	Sample Depth	48 to 64 (inches)	18 to 22 (feet)
Aldrin		ND	ND
Chlordane (alpha)		ND	ND
Chlordane (gamma)		ND	ND
Dieldrin		ND	ND
Endosulfan I		ND	ND
Endosulfan II		ND	ND
Endosulfan sulfate		ND	ND
Endrin		ND	ND
Endrin aldehyde		ND	ND
Endrin ketone		ND	ND

Key is located at the end of this table.

Table 5 Continued
PESTICIDES ANALYTICAL RESULTS
SAM WINER SITE
AKRON, SUMMIT COUNTY, OHIO

August 14, 2000
(units [soil] = mg/kg, [water] = μ g/L)

Analyte	Sample ID	SS-OSC-23	GW-OS-01
	Sample Matrix	Soil	Groundwater
	Sample Depth	48 to 64 (inches)	18 to 22 (feet)
Heptachlor		ND	ND
Heptachlor Epoxide		ND	ND
Hexachlorocyclohexane (alpha-BHC)		ND	ND
Hexachlorocyclohexane (beta-BHC)		ND	ND
Hexachlorocyclohexane (delta-BHC)		ND	ND
Hexachlorocyclohexane (gamma-BHC)		ND	ND
Methoxychlor		ND	ND
P-P'-DDD		ND	ND
P-P'DDE		ND	ND
P-P'DDT		ND	ND
Toxaphene		ND	ND

Key is located at the end of this table.

Key:

$\mu\text{g/L}$ = Micrograms per liter.

mg/Kg = Milligrams per kilogram.

$< =$ Less than.

Source:

EIS Analytical Services, Inc., South Bend, IN, under TDD number S05-0007-014.